

# CROPS

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## FIELD CROPS

GRAIN CORN production totaled 59.6 million bushels in 1999, down 10 percent from the 1998 level of 66.1 million bushels. The average yield of 101 bushels per acre was down 13 bushels from the previous year. There were 590,000 acres harvested in 1999 compared with 580,000 acres in 1998. The value of production, at \$128 million, was down 12 percent from last year's \$146 million.

SILAGE CORN production, at 8.96 million tons, was up 2 percent from 1998. Acres harvested for silage, at 560,000, were up 2 percent from the previous year. Value of production for corn silage, at \$232 million, was up 4 percent from the 1998 value of \$223 million. Nationally, New York ranked second behind Wisconsin in corn silage production.

WHEAT production in 1999 totaled 8.13 million bushels, up 16 percent from 1998's production of 7.02 million bushels. Average yield, at 65 bushels per acre, was up 11 bushels from 1998 and is a new record high for New York. The value of production, at \$16.3 million, was up 9 percent from the \$15.0 million in 1998.

OAT production decreased 27 percent from the previous year to 4.76 million bushels. The number of acres harvested, at 70,000, was down 35,000 from a year earlier. Average yield per acre, at a record high 68 bushels, was up 6 bushels from a year earlier. The value of New York's oat crop decreased 25 percent from \$9.18 million in 1998 to \$6.90 million in 1999.

RYE acres harvested for grain, at 15,000 acres, was unchanged from the previous year. Rye production, at 570,000 bushels, was up 9 percent from a year earlier. The value of production totaled \$855 thousand, down from \$1.05 million in 1998.

ALL DRY HAY production was placed at a record low 2.98 million tons, down 4 percent from the 1998 output of 3.11 million tons. Value of production, at \$305 million, makes hay the State's number one crop.

ALFALFA DRY HAY production was 1.27 million tons, 14 percent below the 1998 crop of 1.47 million tons. Value of production was \$152 million in 1999 versus \$154 million in 1998, a 2 percent decrease.

OTHER DRY HAY production, which includes clover-timothy, mixed grasses, etc., was 1.71 million tons, 4 percent above 1998's level of 1.64 million tons. Value of production, at \$153 million in 1999, was 14 percent more than the \$134 million recorded in 1998.

POTATO production decreased from 7.29 million hundredweight (cwt.) in 1998 to 6.76 million cwt. in 1999. Yield per acre averaged 265 cwt., down 5 cwt. from a year ago. Area harvested was 25,500 acres, down 1,500 acres from 1998, and an all time record low. Value of production totaled \$60.8 million in 1999 compared with the 1998 value of \$68.2 million.

DRY BEAN production dropped 3 percent to 414,000 cwt. Average yield per acre decreased 50 pounds to 1,370 pounds per acre. Area harvested was 30,200 acres. The value of production, at \$8.24 million, was down 24 percent from 1998.

SOYBEAN production was a record high 4.74 million bushels, 19 percent above last year's production. Area harvested, at a record high 128,000 acres, was up 32 percent from a year ago. Yield per acre averaged 37 bushels, down 4 bushels from a year ago. The 1999 crop was valued at \$19.9 million, down 2 percent from the 1998 value.



# 1999 CROP SUMMARY

A warm, drier than normal APRIL pushed spring fieldwork ahead of schedule. Planting surged forward while warmer weather encouraged hay growth. Soil moisture was short to adequate. Onion planting passed the half-way mark. Planting of other vegetable crops gained momentum. Long Island potato planting was 95 percent finished. Livestock feed supplies were good. Pasture development was behind usual.

MAY provided excellent weather conditions for planting and harvesting and progress advanced well ahead of usual. Corn planting neared completion by the end of the month; the average progress is only 66 percent planted at this time. Apples were in good condition. Vegetable planting continued. Dry, windy conditions damaged onions in Orange County. Replanting was necessary.

JUNE brought hot, dry conditions that stressed crops across the state. Irrigation was required. Soil moisture supplies were very short to short by month's end. Rain was needed for hay regrowth. Fruit crops were in good to excellent condition, although apples were small in orchards not irrigated. Milk production dropped off as heat and humidity bothered livestock.

Hot weather persisted during JULY. Dryness in eastern areas further deteriorated crops and pastures. Western areas received much needed rain but more was required to relieve dryness. Soil moisture continued very short to short. Pastures were rated in very poor to fair condition. A lot of dry hay was put in the barn. The second cutting of alfalfa reached 84 percent complete. Regrowth was short. Wheat combining wound down, oat harvest picked up momentum. Vegetable harvests were in full swing. Fruit crops were in fair condition. Fruit was not sizing as well as hoped. Peach harvest was underway. Cherry picking was completed.

AUGUST continued dry. Soil moisture supplies fell to 26 percent very short, 48 percent short, and 26 percent adequate.

Pastures also deteriorated. The corn crop was in fair to good condition. Corn silage harvest began. Oat harvest reached 96 percent complete with quality rated good. The second cutting of alfalfa was almost complete, the third cutting passed the half-way mark. Potato harvest got underway. Soybeans began to mature; pod set was poor. Vegetable harvesting continued in high gear. Apple picking had begun by month's end and the Concord grape harvest was just getting underway. Quality of berries was good with high sugar content.

SEPTEMBER was warmer, but wetter than normal thanks largely to Hurricane Floyd. The rain was too late for corn and soybeans, but will help next year's wheat and hay crops. Much clean up and erosion repair was needed after the torrential rains fell. Rains caused a lot of splitting in tomatoes and the high winds knocked apples off trees. By month's end grain corn harvest had started and silage corn was 73 percent harvested. Progress ran well ahead of normal. Potato digging remained very active and the dry bean harvest shifted into high gear. Orange County onion harvest progressed rapidly. Apple picking continued in full swing. Cider making was in high gear. Grape harvesting picked up momentum. Concord grapes were in good condition with high sugar levels.

OCTOBER was another drier than normal month. Soil moisture was mostly adequate. Warm weather encourage pasture regrowth; conditions were fair to good. Corn harvest continued ahead of the normal pace. Hay harvest was essentially done. Soybean, dry bean, and potato harvests were in full swing. Onions were being moved into storage. Most vegetable harvests were finished and growers turned under crop residues. Cabbage and pumpkin harvests moved ahead rapidly. Late apple varieties were still being picked. Grape harvesting continued. Cider making was active. Peach and pear harvests were winding down.

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
<u>WHEAT</u>						
1990	150	145	49.0	7,105	2.70	19,184
1991	115	110	49.0	5,390	3.35	18,057
1992	120	110	56.0	6,160	2.70	16,632
1993	95	85	46.0	3,910	3.30	12,903
1994	120	115	53.0	6,095	3.20	19,504
1995	130	125	55.0	6,875	4.20	28,875
1996	160	150	43.0	6,450	4.15	26,768
1997	135	130	56.0	7,280	3.35	24,388
1998	140	130	54.0	7,020	2.13	14,953
1999	130	125	65.0	8,125	2.00	16,250
<u>OATS</u>						
1990	160	135	61.0	8,235	1.41	11,611
1991	130	100	50.0	5,000	1.56	7,800
1992	140	110	70.0	7,700	1.43	11,011
1993	135	105	62.0	6,510	1.38	8,984
1994	130	110	64.0	7,040	1.42	9,997
1995	110	90	58.0	5,220	1.65	8,762
1996	85	70	55.0	3,850	2.10	8,085
1997	100	90	65.0	5,850	1.70	9,945
1998	115	105	62.0	6,510	1.41	9,179
1999	100	70	68.0	4,760	1.45	6,902
<u>RYE</u>						
1990	60	10	26.0	260	2.55	663
1991	50	8	33.0	264	2.55	673
1992	52	9	32.0	288	2.05	590
1993	40	8	27.0	216	2.25	486
1994	30	8	31.0	248	2.25	558
1995	42	9	35.0	315	2.25	709
1996	49	8	28.0	224	3.00	672
1997	40	7	33.0	231	2.10	485
1998	50	15	35.0	525	2.00	1,050
1999	45	15	38.0	570	1.50	855
<u>BARLEY</u>						
1990	12	9	50.0	450	1.95	878
1991	13	11	45.0	495	1.55	767
1992	12	10	56.0	560	1.75	980
1993	14	12	52.0	624	1.65	1,030
1994	12	9	61.0	549	1.75	961
1995	12	10	65.0	650	1.80	1,170
1996	16	12	54.0	648	3.05	1,976
1997	16	13	54.0	702	2.00	1,404
1998	18	16	50.0	800	1.30	1,040
1999	19	17	57.0	969	1.35	1,308

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted <sup>1/</sup>	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Bushels</u>	<u>1,000 bushels</u>	<u>Dollars per bu.</u>	<u>1,000 dollars</u>
<u>SOYBEANS</u>						
1990	40	39	35.0	1,365	5.50	7,508
1991	49	48	31.0	1,488	5.30	7,886
1992	52	50	30.0	1,500	5.25	7,875
1993	56	55	34.0	1,870	6.10	11,407
1994	70	68	41.0	2,788	5.00	13,940
1995	66	63	38.0	2,394	6.20	14,843
1996	76	75	35.0	2,625	6.35	16,669
1997	105	102	37.0	3,774	6.00	22,644
1998	100	97	41.0	3,977	5.10	20,283
1999	130	128	37.0	4,736	4.20	19,891
<u>CORN FOR GRAIN</u>						
1990	1,210	620	98.0	60,760	2.44	148,254
1991	1,230	660	98.0	64,680	2.70	174,636
1992	1,150	550	92.0	50,600	2.30	116,380
1993	1,100	540	105.0	56,700	2.85	161,595
1994	1,110	570	116.0	66,120	2.65	181,366
1995	1,130	620	105.0	65,100	3.85	246,593
1996	1,150	630	103.0	64,890	2.98	193,372
1997	1,170	600	110.0	66,000	2.62	172,920
1998	1,130	580	114.0	66,120	2.21	146,125
1999	1,150	590	101.0	59,590	2.15	128,119
<u>CORN SILAGE</u>						
			<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	
1990	-	580	15.0	8,700	24.90	216,630
1991	-	550	14.0	7,700	23.80	183,260
1992	-	550	14.5	7,975	22.80	181,830
1993	-	550	14.2	7,810	24.10	188,221
1994	-	540	15.8	8,532	22.70	193,676
1995	-	505	14.0	7,070	24.50	173,215
1996	-	510	15.5	7,905	25.80	203,949
1997	-	560	15.0	8,400	34.40	288,960
1998	-	550	16.0	8,800	25.30	222,640
1999	-	560	16.0	8,960	25.90	232,064
<u>DRY BEANS <sup>2/</sup></u>						
			<u>Lbs.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	
1990	41	39.5	1,700	672	16.00	10,752
1991	36	35.0	1,380	483	19.00	9,177
1992	35	29.0	1,050	305	23.40	7,137
1993	37	34.0	1,350	459	19.40	8,905
1994	39	38.5	1,520	585	20.30	11,876
1995	34	33.0	1,630	538	18.10	9,738
1996	30	29.0	1,300	377	27.00	10,179
1997	44	43.5	1,560	679	20.60	13,987
1998	31	30.0	1,420	426	25.30	10,778
1999	31	30.2	1,370	414	19.90	8,239

<sup>1/</sup> Complete utilization of corn acreage planted is shown on page 22. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

<sup>2/</sup> Production by major varieties is shown on page 21.

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	<u>1,000 dollars</u>
<u>ALFALFA HAY</u>						
1990	-	860	2.55	2,193	85.50	187,502
1991	-	760	2.50	1,900	84.50	160,550
1992	-	800	2.35	1,880	95.50	179,540
1993	-	700	2.45	1,715	97.00	166,355
1994	-	620	2.95	1,829	93.00	170,097
1995	-	650	2.60	1,690	94.00	158,860
1996	-	640	2.70	1,728	99.50	171,936
1997	-	640	2.60	1,664	110.00	183,040
1998	-	600	2.45	1,470	105.00	154,350
1999	-	550	2.30	1,265	120.00	151,800
<u>OTHER HAY</u>						
1990	-	1,120	1.95	2,184	64.50	140,868
1991	-	1,190	1.85	2,202	72.00	158,544
1992	-	900	1.90	1,710	76.50	130,815
1993	-	1,050	1.80	1,890	74.50	140,805
1994	-	1,040	2.05	2,132	75.00	159,900
1995	-	950	1.85	1,758	72.00	126,576
1996	-	870	2.00	1,740	74.50	129,630
1997	-	890	2.00	1,780	80.50	143,290
1998	-	800	2.05	1,640	82.00	134,480
1999	-	950	1.80	1,710	89.50	153,045
<u>ALL HAY 1/</u>						
1990	-	1,980	2.21	4,377	77.00	328,370
1991	-	1,950	2.10	4,102	77.50	319,094
1992	-	1,700	2.11	3,590	88.00	310,355
1993	-	1,750	2.06	3,605	90.50	307,160
1994	-	1,660	2.39	3,961	84.50	329,997
1995	-	1,600	2.16	3,448	85.50	285,436
1996	-	1,510	2.30	3,468	87.00	301,566
1997	-	1,530	2.25	3,444	94.00	326,330
1998	-	1,400	2.22	3,110	93.00	288,830
1999	-	1,500	1.98	2,975	107.00	304,845

1/ All hay price is based on weighted sales, not production.

Table 11. POTATOES: Acreage, Yield, Production, and Disposition,  
Sales, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown <u>1/</u>	Sold	Marketing year average price	Value	
								Production	Sales
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	----- <u>1,000 cwt.</u> -----		<u>Dollars per cwt.</u>		<u>1,000 dollars</u>	
1990	29,000	28,500	277	7,890	430	7,460	7.40	58,386	55,204
1991	29,600	29,500	234	6,917	542	6,375	8.70	60,178	55,463
1992	28,200	27,000	289	7,808	1,043	6,765	6.65	51,923	44,987
1993	28,800	28,200	273	7,693	585	7,108	8.20	63,083	58,286
1994	29,100	28,600	273	7,805	548	7,257	9.75	76,190	70,814
1995	28,000	27,500	270	7,425	445	6,980	7.45	55,316	52,001
1996	27,000	26,500	280	7,420	468	6,952	7.30	54,166	50,750
1997	26,500	26,000	275	7,150	454	6,696	8.75	62,563	58,590
1998	27,600	27,000	270	7,290	440	6,850	9.35	68,162	64,048
1999	26,000	25,500	265	6,758	<u>2/</u>	<u>2/</u>	9.00	60,822	<u>2/</u>

<sup>1/</sup> Includes feed and seed used on farms where produced and shrinkage during storage.<sup>2/</sup> Available September 21, 2000.Table 12. POTATOES: Stocks Held by Growers and Local Dealers,  
1990-1999 <sup>1/</sup>

Crop Year	December 1	January 1	February 1	March 1	April 1
	<i>1,000 cwt.</i>				
1990	3,150	2,210	1,220	<u>2/</u>	<u>2/</u>
1991	3,050	2,450	1,700	<u>2/</u>	<u>2/</u>
1992	3,000	3,100	2,240	<u>2/</u>	<u>2/</u>
1993	3,650	2,000	1,200	<u>2/</u>	<u>2/</u>
1994	4,200	3,000	1,800	<u>2/</u>	<u>2/</u>
1995	3,400	2,500	1,500	900	400
1996	3,700	2,400	1,400	800	350
1997	3,600	2,500	1,500	800	400
1998	3,400	2,300	1,500	900	350
1999	3,700	2,600	1,500	800	350

<sup>1/</sup> Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.<sup>2/</sup> Not published to avoid disclosure of individual operations.

Table 13. DRY BEANS: Acreage, Yield, Production, and Off-Farm Stocks, by Class, 1990-1999

Crop Year	Acres		Yield per acre	Production	Off-Farm Stocks		
	Planted	Harvested			Jan. 1	Apr. 1	Sept. 1
	<u>1,000 acres</u>		<u>Cwt.</u>	<u>1,000 cwt.</u>		<u>1,000 cwt.</u>	
<u>RED KIDNEY</u>							
<u>Light</u>							
1990	21.0	20.0	16.8	336	152	67	6
1991	20.0	19.5	13.6	266	151	102	1/
1992	19.5	16.0	9.7	155	99	63	1/
1993	20.0	18.0	12.8	230	142	63	1/
1994	21.0	20.5	14.8	303	138	81	1/
1995	19.0	18.0	16.2	292	125	72	1/
1996	16.5	16.0	12.7	203	113	78	1/
1997	25.0	24.5	15.8	387	80	60	1/
1998	16.0	15.5	13.5	209	113	56	12
1999	17.7	17.5	12.9	225	181	115	2/
<u>Dark</u>							
1990	5.5	5.4	16.9	91	3	1	-
1991	4.5	4.3	15.3	66	8	6	1/
1992	3.5	2.6	10.8	28	1	1/	-
1993	5.0	4.8	12.5	60	1	-	-
1994	5.0	5.0	14.6	73	-	-	-
1995	4.0	4.0	16.0	64	-	-	1/
1996	3.5	3.0	12.7	38	1/	1/	1/
1997	2.0	2.0	16.5	33	1/	1/	1/
1998	2.0	2.0	16.0	32	1/	1/	1/
1999	2.0	2.0	13.5	27	1/	1/	2/
<u>BLACK</u>							
1990	10.0	9.8	17.6	172	51	22	4
1991	8.0	7.8	12.7	99	65	60	1/
1992	8.5	7.2	12.5	90	52	36	11
1993	8.0	7.5	16.0	120	92	37	12
1994	9.0	9.0	16.2	146	90	45	12
1995	8.0	8.0	16.9	135	93	58	15
1996	7.0	7.0	14.3	100	63	49	14
1997	13.0	13.0	15.3	199	58	35	11
1998	10.5	10.0	14.7	147	82	52	13
1999	9.5	9.0	15.7	141	152	108	2/
<u>OTHER CLASSES</u>							
1990	4.5	4.3	17.0	73	17	12	6
1991	3.5	3.4	15.3	52	20	15	8
1992	3.5	3.2	10.0	32	17	1/	1/
1993	4.0	3.7	13.2	49	16	2	1/
1994	4.0	4.0	15.8	63	23	12	1/
1995	3.0	3.0	15.7	47	35	12	5
1996	3.0	3.0	12.0	36	1/	1/	7
1997	4.0	4.0	15.0	60	1/	1/	16
1998	2.5	2.5	15.2	38	1/	1/	1/
1999	1.8	1.7	12.4	21	1/	1/	2/
<u>ALL CLASSES</u>							
1990	41.0	39.5	17.0	672	223	102	16
1991	36.0	35.0	13.8	483	244	183	82
1992	35.0	29.0	10.5	305	169	106	36
1993	37.0	34.0	13.5	459	251	102	25
1994	39.0	38.5	15.2	585	251	138	24
1995	34.0	33.0	16.3	538	253	142	26
1996	30.0	29.0	13.0	377	211	146	26
1997	44.0	43.5	15.6	679	159	127	34
1998	31.0	30.0	14.2	426	210	130	32
1999	31.0	30.2	13.7	414	371	239	2/

1/ Included in total to avoid disclosure of individual operations.

2/ Available September 2000.



Table 14. CORN: Acreage Utilization, 1990-1999

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
		<u>1,000 acres</u>					
1990	1,210	620	380	180	60	580	10
1991	1,230	660	430	175	55	550	20
1992	1,150	550	400	120	30	550	50
1993	1,100	540	390	120	30	550	10
1994	1,110	570	420	120	30	540	0
1995	1,130	620	460	130	30	505	5
1996	1,150	630	435	175	20	510	10
1997	1,170	600	450	120	30	560	10
1998	1,130	580	435	115	30	550	0
1999	1,150	590	460	105	25	560	0

Table 15. HAY: Stocks on Farms, 1990-1999

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>Percent</u>	<u>1,000 tons</u>	<u>Percent</u>
1990	4,377	3,502	80	1,007	23
1991	4,102	2,666	65	615	15
1992	3,590	2,334	65	503	14
1993	3,605	1,983	55	361	10
1994	3,961	2,377	60	594	15
1995	3,448	2,069	60	552	16
1996	3,468	2,254	65	555	16
1997	3,444	1,998	58	344	10
1998	3,110	1,990	64	435	14
1999	2,975	1,900	64	385	13

### NEW YORK FEED GRAIN DEFICIT IN 1999

New York feed grain production (corn, oats, barley) in 1999 fell 10 percent from a year earlier. The quantity of grain fed declined 1 percent in the same period. The number of grain consuming animal units decreased slightly, while the quantity of grain fed per animal remained the same. Last summer's drought, which reduced grain yields across the State, was the primary reason for the sizeable increase in the feed grain deficit from 1998.

Although the feed grain deficit in recent years has been lower than in the 1970's and 1980's, feed grain is brought into New York annually to meet the feeding requirements of the State's dairy, livestock, and poultry industry. Feed grain produced in New York during 1999 met 83 percent of the State's feeding requirements. In 1998 it met 93 percent of the State's feeding requirements.

Table 16. FEED GRAIN: Production and Quantities Fed, 1990-1999

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	<u>1,000 tons</u>		
1990	1,844	2,207	363
1991	1,903	2,239	336
1992	1,553	2,271	718
1993	1,707	2,191	484
1994	1,977	2,113	136
1995	1,923	2,134	211
1996	1,895	2,111	216
1997	1,959	2,048	89
1998	1,974	2,130	156
1999	1,768	2,118	350

# VEGETABLES

The value of New York's 1999 vegetable production totaled \$245 million, 3 percent lower than the \$253 million value of the 1998 vegetable crop. The value of the Empire State's principle fresh market vegetables at \$199 million is down 2 percent from 1998, while the value of the principle processing vegetables at \$45.3 million decreased 9 percent from last year.

The year-end estimate of production for the principle New York vegetable crops grown for fresh market in 1999 is 13.6 million hundredweight (cwt.). This is an increase of 4 percent from the 13.1 million cwt. produced in 1998 and 5 percent higher than the 12.9 million cwt. produced in 1997.

New York's fresh market CABBAGE production for 1999, estimated at 4.96 million cwt., is up 8 percent from 1998's production of 4.60 million cwt. New York ranked first in the nation for the production of fresh market cabbage in 1999.

New York's fresh market SWEET CORN set record highs this year for production and value. Sweet corn production for 1999 climbed to a new high of 3.20 million cwt. Value topped out at \$52.2 million. A 17 percent increase in planted acreage from 1998 helped push numbers up, despite the adverse effects of the dry growing season.

Fresh market SNAP BEAN production for 1999 is estimated at 372,000 cwt. and is up 13 percent from last year's crop of 329,000 cwt. This year's snap bean crop value of \$19.8 million also set a record high, due to increased planted acreage and high prices.

All ONION production in New York is estimated at 3.53 million cwt. for 1999. This is a decrease of 6 percent from the 3.75 million cwt. produced in 1998 and 4 percent below 1997.

The 1999 production estimate for New York's principle processing VEGETABLE CROPS is 420,800 tons, 8 percent lower than the 459,800 tons produced in 1998.

The state's production of SNAP BEANS for processing during 1999 is estimated at 72,550 tons, 6 percent lower than the 76,990 tons produced in 1998. Production of SWEET CORN for processing is estimated at 179,390 tons, 18 percent below the 219,660 tons produced in 1998. GREEN PEA processing production in 1999 is estimated at 31,730 tons, 18 percent less than 1998 production levels.

Production of CABBAGE for kraut at 68,180 tons is 10 percent higher than the 61,800 tons produced in 1998. New York ranked second in the nation in the production of cabbage for kraut in 1999.

**Table 17. PRINCIPAL VEGETABLES FOR FRESH MARKET <sup>1/</sup>**

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 cwt.</u>	<u>Million dol.</u>
1990	72.9	68.9	15,405	163.9
1991	72.6	68.4	13,586	197.8
1992	72.5	63.8	12,080	157.0
1993	65.4	61.3	12,842	183.8
1994	67.5	63.5	13,824	168.4
1995	72.8	68.4	13,404	176.9
1996	65.1	61.1	10,019	108.7
1997	67.7	64.3	12,893	172.1
1998	71.6	68.7	13,115	202.8
1999	77.3	73.6	13,563	199.4

<sup>1/</sup> Includes processing totals for dual usage crops (carrots 1990-1992; cauliflower 1990-1999).

**Table 18. PRINCIPAL VEGETABLES FOR PROCESSING <sup>1/</sup>**

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 tons</u>	<u>Million dol.</u>
1990	75.0	68.7	385.2	36.4
1991	74.4	71.1	310.7	33.0
1992	70.1	63.2	316.6	29.6
1993	72.6	67.2	431.4	41.4
1994	67.0	63.6	422.7	38.0
1995	89.4	86.4	452.6	45.3
1996	86.9	84.2	432.7	44.5
1997	90.1	87.6	510.4	43.3
1998	90.2	84.9	459.8	49.8
1999	77.5	75.7	420.8	45.3

<sup>1/</sup> Beginning in 1993, includes carrots.

Table 19. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
<u>CARROTS 1/</u>						
1990	1,300	1,200	365	438	8.55	3,745
1991	1,300	1,200	430	516	14.60	7,558
1992	1,500	1,300	390	507	15.40	7,807
1993	880	680	335	228	16.00	3,648
1994	700	700	395	277	16.00	4,432
1995	750	750	320	240	14.00	3,360
1996	600	600	220	132	15.00	1,980
1997	650	600	280	168	16.00	2,688
1998	500	500	300	150	16.00	2,400
1999	750	750	300	225	24.20	5,445
<u>CAULIFLOWER 1/</u>						
1990	2,000	1,800	120	216	26.90	5,811
1991	1,700	1,400	146	204	26.90	5,477
1992	1,700	1,300	118	154	36.00	5,545
1993	1,500	1,200	150	180	42.00	7,560
1994	1,500	1,300	135	176	40.80	7,181
1995	1,300	1,200	155	186	25.80	4,799
1996	1,100	1,000	140	140	33.30	4,662
1997	1,100	1,000	200	200	34.80	6,960
1998	1,400	1,400	195	273	35.30	9,637
1999	1,300	1,100	150	165	38.30	6,320
<u>CUCUMBERS</u>						
1990	3,300	3,200	134	429	12.10	5,191
1991	3,400	3,300	145	479	16.60	7,951
1992	3,600	3,400	140	476	18.70	8,901
1993	3,900	3,800	145	551	12.10	6,667
1994	3,300	3,300	130	429	14.70	6,306
1995	3,500	3,400	130	442	15.10	6,674
1996	4,100	3,900	100	390	17.30	6,747
1997	3,100	3,000	200	600	21.40	12,840
1998	3,800	3,800	200	760	19.30	14,668
1999	3,600	3,600	180	648	26.00	16,848
<u>LETTUCE</u>						
1990	3,000	2,600	200	520	15.60	8,112
1991	3,000	2,600	190	494	14.10	6,965
1992	2,600	1,900	160	304	25.60	7,782
1993	1,300	1,100	230	253	15.70	3,972
1994	1,100	1,000	245	245	15.90	3,896
1995	1,000	900	150	135	15.50	2,093
1996	900	800	100	80	13.00	1,040
1997	800	700	280	196	15.00	2,940
1998	700	600	275	165	20.00	3,300
1999	600	500	210	105	31.80	3,339

1/ Includes quantities used for processing, carrots 1990-1992, cauliflower 1990-1999.

Table 19. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
<u>SNAP BEANS</u>						
1990	4,300	4,000	65	260	31.30	8,138
1991	4,800	4,600	70	322	31.10	10,014
1992	4,200	3,700	40	148	29.50	4,366
1993	4,200	4,100	75	308	28.70	8,840
1994	5,200	4,600	105	483	28.10	13,572
1995	5,100	4,100	55	226	38.50	8,701
1996	4,200	3,900	40	156	49.30	7,691
1997	5,300	5,100	62	316	54.80	17,317
1998	5,400	5,300	62	329	50.60	16,647
1999	6,300	6,100	61	372	53.30	19,828
<u>SWEET CORN</u>						
1990	27,600	26,500	80	2,120	11.50	24,380
1991	28,600	26,500	75	1,988	14.20	28,230
1992	29,400	25,400	65	1,651	11.90	19,647
1993	25,000	23,000	85	1,955	11.90	23,265
1994	27,000	25,700	100	2,570	12.70	32,639
1995	32,800	30,500	85	2,593	18.90	49,008
1996	28,800	27,100	75	2,033	14.80	30,088
1997	29,200	27,300	73	1,993	14.90	29,696
1998	30,700	29,200	90	2,628	18.10	47,567
1999	35,900	33,700	95	3,202	16.30	52,193
<u>TOMATOES</u>						
1990	2,900	2,800	160	448	36.60	16,397
1991	2,800	2,700	140	378	38.60	14,591
1992	2,900	2,200	80	176	38.90	6,846
1993	2,500	2,300	120	276	36.00	9,936
1994	2,700	2,500	160	400	36.90	14,760
1995	2,600	2,400	125	300	24.60	7,380
1996	2,100	1,900	80	152	22.10	3,359
1997	3,400	3,200	120	384	29.10	11,174
1998	3,400	3,300	140	462	29.00	13,398
1999	3,400	3,100	115	357	34.50	12,317

Table 20. CABBAGE FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <sup>1/</sup>	Marketing year average price	Value of Sales	January 1 Stocks
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dol.</u>	<u>1,000 cwt.</u>
1990	15,200	14,200	439	6,230	5,159	7.99	41,215	1,760
1991	14,300	13,900	395	5,490	4,730	12.00	56,762	1,060
1992	13,500	12,100	342	4,137	3,600	7.96	28,647	1,010
1993	13,600	13,100	410	5,371	5,054	8.91	45,031	1,250
1994	12,800	12,000	450	5,400	4,855	8.48	41,170	1,320
1995	12,900	12,500	420	5,250	4,935	8.90	43,922	1,390
1996	11,000	10,500	400	4,200	3,746	8.08	30,268	1,263
1997	11,600	11,200	480	5,376	4,785	9.70	46,415	1,725
1998	12,600	12,100	380	4,598	4,194	10.30	43,198	1,613
1999	12,400	12,100	410	4,961	4,498	9.20	41,382	1,836

<sup>1/</sup> Excludes quantities lost from shrinkage and waste.

Table 21. ONIONS FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Sales 1/	Marketing year average price	Value of Sales
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dol.</i>
1990	12,900	12,200	380	4,636	3,565	13.90	49,421
1991	12,300	11,800	300	3,540	3,263	17.60	57,282
1992	12,800	12,200	360	4,392	3,628	17.10	61,990
1993	12,500	12,000	310	3,720	3,497	21.40	74,834
1994	13,200	12,400	310	3,844	3,422	13.00	44,486
1995	12,800	12,600	320	4,032	3,690	13.80	50,922
1996	12,300	11,400	240	2,736	2,345	9.80	22,911
1997	12,500	12,200	300	3,660	3,309	12.70	42,024
1998	13,100	12,500	300	3,750	3,187	16.30	51,948
1999	13,000	12,600	280	3,528	3,112	13.40	41,701

1/ Excludes quantities lost from shrinkage and waste.

Table 22. ONIONS: Acres, Yield, and Production, by Area, 1990-1999

Year	Orange County	Orleans-Genesee 1/	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
<b>HARVESTED ACRES</b>							
1990	6,000	2,450	2,000	450	900	400	12,200
1991	5,400	2,700	1,900	550	850	400	11,800
1992	5,500	2,500	2,000	800	1,100	300	12,200
1993	5,200	2,700	1,900	600	1,200	400	12,000
1994	5,600	2,600	1,900	700	1,300	300	12,400
1995	5,700	2,700	1,800	800	1,300	300	12,600
1996	5,400	2,400	1,900	500	900	300	11,400
1997	5,800	2,500	2,200	400	1,000	300	12,200
1998	4,700	3,400	2,800	200	1,100	300	12,500
1999	4,800	3,400	2,800	200	1,100	300	12,600
<b>YIELD PER ACRE - Cwt.</b>							
1990	390	380	380	280	400	300	380
1991	310	225	380	200	350	320	300
1992	380	390	330	230	360	290	360
1993	300	300	360	250	350	240	310
1994	390	310	370	280	320	330	310
1995	330	320	350	200	320	270	320
1996	190	280	290	290	310	240	240
1997	270	280	390	250	350	290	300
1998	200	370	370	280	360	210	300
1999	180	340	310	240	440	360	280
<b>PRODUCTION - 1,000 Cwt.</b>							
1990	2,340	930	760	126	360	120	4,636
1991	1,674	608	722	110	298	128	3,540
1992	2,090	975	660	184	396	87	4,392
1993	1,560	810	684	150	420	96	3,720
1994	1,624	806	703	196	416	99	3,844
1995	1,881	864	630	160	416	81	4,032
1996	1,017	672	551	145	279	72	2,736
1997	1,566	700	858	100	350	86	3,660
1998	940	1,258	1,036	56	397	63	3,750
1999	864	1,156	868	48	484	108	3,528

1/ Includes small acreages in Livingston and Niagara Counties.

Table 23. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>BEETS</u>						
1990	2,300	2,200	16.67	36,674	60.50	2,219
1991	2,300	1,900	15.38	29,222	56.20	1,642
1992	2,000	1,900	15.25	28,980	61.60	1,785
1993	2,600	2,600	14.70	38,220	69.80	2,668
1994	2,900	2,900	15.40	44,660	58.90	2,630
1995	3,900	3,900	11.00	42,900	59.40	2,548
1996	4,200	4,200	9.90	41,580	75.20	3,127
1997	2,700	2,700	15.00	40,500	64.70	2,620
1998	2,300	2,300	12.00	27,600	78.50	2,167
1999	2,500	2,500	15.37	38,430	79.00	3,036
<u>CABBAGE FOR KRAUT</u>						
1990	2,100	2,000	27.00	54,000	40.80	2,203
1991	2,400	2,400	23.33	56,000	38.00	2,128
1992	1,500	1,400	25.00	35,000	39.00	1,365
1993	2,100	2,000	36.50	73,000	49.00	3,577
1994	2,100	2,100	29.00	60,900	40.00	2,436
1995	3,000	3,000	17.00	51,000	39.80	2,030
1996	3,000	3,000	15.50	46,500	40.20	1,869
1997	2,300	2,300	30.10	69,230	46.30	3,205
1998	3,000	3,000	20.60	61,800	46.40	2,868
1999	2,400	2,400	28.41	68,180	49.00	3,341
<u>GREEN PEAS</u>						
1990	10,500	10,000	1.76	17,600	292.00	5,139
1991	11,500	11,300	1.30	14,690	340.00	4,995
1992	12,800	10,400	2.12	22,050	267.00	5,887
1993	13,200	11,900	1.86	22,130	251.00	5,555
1994	10,200	9,700	2.54	24,640	286.00	7,047
1995	18,400	18,200	1.66	30,210	316.00	9,546
1996	15,100	14,400	1.92	27,650	306.00	8,461
1997	18,900	18,200	2.21	40,220	210.00	8,446
1998	19,600	17,500	2.20	38,500	330.00	12,705
1999	15,500	14,900	2.13	31,730	314.00	9,963
<u>SNAP BEANS</u>						
1990	24,400	22,600	3.10	70,060	184.00	12,891
1991	23,800	23,400	3.15	73,710	190.00	14,005
1992	18,700	17,600	2.45	43,120	178.00	7,675
1993	18,300	16,900	3.20	54,080	199.00	10,762
1994	18,000	17,300	3.52	60,900	171.00	10,414
1995	22,300	21,400	3.59	76,830	165.00	12,677
1996	21,100	20,200	3.50	70,700	186.00	13,150
1997	23,500	22,800	3.40	77,520	148.00	11,473
1998	21,200	20,800	3.70	76,990	176.00	13,563
1999	21,500	21,200	3.42	72,550	190.00	13,808

Table 23. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>SWEET CORN</u>						
1990	33,300	29,700	5.60	166,320	59.70	9,929
1991	33,200	31,100	3.80	118,180	70.20	8,296
1992	33,900	30,800	5.50	169,400	65.20	11,045
1993	33,400	30,800	6.90	212,520	76.60	16,279
1994	32,500	30,300	6.80	206,040	65.40	13,475
1995	40,300	38,500	5.80	223,300	73.60	16,435
1996	41,900	40,900	5.50	224,950	72.30	16,264
1997	40,400	39,300	6.40	251,520	60.10	15,116
1998	42,000	39,200	5.60	219,520	70.60	15,498
1999	33,100	32,500	5.52	179,390	70.60	12,664
<u>CARROTS</u>						
1993	620	620	22.58	14,000	52.00	728
1994	700	700	20.14	14,100	59.50	839
1995	850	830	20.00	16,600	54.30	901
1996	1,100	1,100	14.00	15,400	60.70	935
1997	1,500	1,500	17.00	25,500	61.30	1,563
1998	1,200	1,200	23.00	27,600	63.90	1,764
1999	1,400	1,200	21.28	25,530	66.50	1,699



# FRUITS AND BERRIES

The value of New York's 1999 tree fruit and grape production totaled \$226 million, up 32 percent from the 1998 value. The value of utilized production was above the previous year for all fruits.

The 1999 APPLE crop in New York was up 18 percent to 1,260 million pounds. McIntosh was the leading variety produced in the State, accounting for 19 percent of the total production. Following McIntosh were Empire, Rome, Red Delicious, and Idareds. This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled \$140 million. New York ranks second in apple production behind Washington.

GRAPE production in New York increased 60 percent from 1998 to 205,000 tons. Fresh grapes totaled 2,000 tons while 202,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 75 percent of the total grapes processed with the remaining 25 percent going for wine.

The value of the 1999 grape crop is estimated at \$59.2 million, 50 percent above the 1998 crop value. New York ranked third in grape production behind California and Washington.

New York's TART CHERRY crop is estimated at 17.0 million pounds, up 21 percent from the 1998 crop of 14.0 million pounds. The value of utilized production is estimated at \$2.67 million. New York ranked second nationally in tart cherry production behind Michigan.

New York SWEET CHERRY production, at 1,050 tons, is up 50 percent from the 700 tons produced in 1998. The 1999 crop is valued at \$1.49 million compared to \$1.35 million a year ago.

PEACH production for the Empire State is placed at 14.0 million pounds, up 40 percent from the 1998 level. The value of the 1999 crop, at \$5.45 million, is up 54 percent from 1998.

Production of PEARS in New York is estimated at 12,500 tons, up 9 percent from the 1998 output of 11,500 tons. The 1999 crop is valued at \$4.39 million, up 17 percent from 1998. New York ranks fourth nationally in pear production.

STRAWBERRY production, at 7.8 million pounds, was up 28 percent from the 6.1 million pounds produced in 1998. The 1999 crop is valued at \$8.27 million compared with \$7.02 million a year ago. New York ranks seventh in strawberry production.

Cultivated BLUEBERRY production for 1999 was estimated at 1.9 million pounds. Utilized production totaled 1.6 million pounds with a total value of production of \$1.73 million. New York ranks eighth nationally in blueberry production.

Table 24. FRUIT: Production and Value of Major Fruits, 1990-1999 <sup>1/</sup>

Year	Utilized Production	Value
	<i>Tons</i>	<i>1,000 dollars</i>
1990	675,700	192,849
1991	759,500	213,044
1992	793,460	176,006
1993	589,440	158,723
1994	777,620	191,833
1995	756,070	191,977
1996	732,200	210,319
1997	722,720	203,840
1998	630,300	170,648
1999	850,950	225,659

<sup>1/</sup> Includes apples, grapes, tart and sweet cherries, peaches, pears and strawberries. Beginning in 1992, also includes blueberries. Beginning in 1995, also includes red raspberries.



Table 25. APPLES: Bearing Acres, Production, and Value, 1990-1999

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price <u>1/</u>	Value of utilized production
	<u>Thousands</u>	<u>Million pounds</u>		<u>Cents per lb.</u>	<u>1,000 dollars</u>
1990	56.0	990	990	12.90	127,810
1991	55.0	1,050	1,050	12.70	132,930
1992	56.0	1,170	1,170	9.90	116,090
1993	56.0	870	870	11.60	101,090
1994	57.0	1,100	1,100	11.80	129,680
1995	57.5	1,110	1,110	12.10	134,490
1996	57.5	1,030	1,030	13.50	138,850
1997	55.0	1,120	1,120	12.60	141,320
1998	55.0	1,070	960	11.40	109,560
1999	55.0	1,260	1,230	11.40	140,230

1/ Packinghouse door equivalent.Table 26. APPLES: Utilization and Price, 1990-1999 1/

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price	Total	Marketing year average price <u>1/</u>	Canned	Marketing year average price
	<u>Million lbs.</u>	<u>Cents per lb.</u>	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>
1990	520	17.8	470	150	256	160
1991	420	20.1	630	153	283	168
1992	520	14.2	650	129	310	146
1993	400	17.4	470	133	218	150
1994	490	18.0	610	135	283	148
1995	480	18.7	630	141	271	156
1996	500	17.7	530	190	300	212
1997	520	17.6	600	166	335	186
1998	420	15.8	540	160	292	192
1999	590	16.5	640	134	310	164

  

Crop Year	Processed					
	Juice and Cider	Marketing year average price	Frozen	Marketing year average price	Other <u>2/</u>	Marketing year average price
	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>
1990	135	114	58	184	21	158
1991	270	134	54	162	23	170
1992	250	98	62	160	28	146
1993	155	92	63	164	34	152
1994	195	100	67	164	65	156
1995	280	122	59	168	20	180
1996	182	146	35	226	13	188
1997	160	106	88	202	17	144
1998	170	92	68	200	10	129
1999	266	90	45	168	19	164

1/ Packinghouse door equivalent price.2/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.

Table 27. APPLES: Total Production, by Variety, 1990-1999

Variety	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Million pounds</i>										
Cortland	65	80	80	60	80	80	75	80	75	80
Crispin (Mutsu)	15	20	15	10	20	25	30	40	45	65
Delicious	110	120	140	85	115	115	115	120	95	115
Empire	55	55	65	65	80	95	110	130	100	150
Golden Delicious	55	50	55	40	50	40	40	40	55	60
Gala <u>2/</u>									5	5
Gingergold <u>2/</u>									5	5
Idared	85	80	90	75	85	80	70	80	95	115
Jerseymac <u>1/</u>						10	10	10	5	5
Jonagold <u>1/</u>						15	20	25	20	30
Jonamac <u>1/</u>						15	15	20	20	30
Macoun <u>1/</u>						10	15	15	10	15
McIntosh	190	240	280	175	250	235	220	215	230	240
Northern Spy	15	20	20	25	20	15	10	15	10	15
Paula Red <u>1/</u>						15	10	15	15	15
R.I. Greening	95	125	135	110	115	105	90	75	75	75
Rome	155	130	145	110	150	155	120	155	135	135
Spartan <u>1/</u>						15	10	20	20	25
Twenty Ounce	45	40	40	40	40	35	25	25	25	20
Other	105	90	105	75	95	50	45	40	30	60
All Varieties	990	1,050	1,170	870	1,100	1,110	1,030	1,120	1,070	1,260
<i>Thousand bushels (42 pounds per bushel)</i>										
All Varieties	23,571	25,000	27,857	20,714	26,190	26,429	24,524	26,667	25,476	30,000

1/ Estimates began in 1995.2/ Estimates began in 1998.Table 28. APPLES: Receipts and Utilization at New York  
Processing Plants and Cider Mills, 1990-1999

Crop Year	Total received <u>1/</u>	Receipts from other states <u>2/</u>	Used for canning and applesauce	Used for juice and cider	Used for freezing	Other products <u>3/</u>	Cider and juice made <u>4/</u>
<i>Million pounds</i>							<i>Thous. gal.</i>
1990	436.7	55.9	220.2	144.2	51.6	20.7	13,864
1991	645.7	86.0	274.2	294.5	53.4	23.6	26,298
1992	634.3	54.0	297.1	246.4	62.4	28.4	24,640
1993	489.1	56.7	214.2	184.6	69.2	21.2	15,510
1994	530.8	40.3	238.2	198.1	70.1	24.4	17,534
1995	624.7	68.1	258.8	281.1	64.2	20.6	23,170
1996	464.3	49.5	235.9	184.2	34.3	9.9	17,595
1997	505.6	54.0	257.0	152.9	84.4	11.3	20,150
1998	471.8	34.0	241.8	144.8	78.1	7.1	17,379
1999	574.7	50.0	261.9	244.4	50.2	18.2	<u>5/</u>

1/ Excludes New York grown apples processed in other states.2/ Included in preceding column.3/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.4/ Unconcentrated.5/ Not published to avoid disclosure of individual operations.

Table 29. APPLES: Processing Plants in Operation and Establishments  
Making Specified Products, 1990-1999

Crop Year	Plants in operation	Plants Making		
		Juice and Cider	Canned apple products <u>1/</u>	Frozen apple products
1990	73	67	5	4
1991	75	68	5	5
1992	77	71	5	4
1993	81	74	5	7
1994	62	53	5	5
1995	58	52	5	5
1996	66	60	6	3
1997	110	101	6	4
1998	101	95	6	4
1999	96	87	5	4

1/ Includes canned apple slices, baby food, etc.

Table 30. APPLES: Holdings in Cold Storage, New York, End of Month, 1990-1999

Month	Total Holdings <u>1/</u>									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>1,000 bushels</i>									
September	3,569	4,962	2,677	2,286	3,163	3,731	3,319	3,715	4,425	3,946
October	8,572	8,722	9,115	8,321	8,380	8,139	7,891	8,874	8,427	9,054
November	7,874	7,921	9,199	7,420	8,347	7,861	8,135	9,279	7,620	8,405
December	6,539	6,910	8,170	6,463	7,321	7,019	7,021	8,429	6,696	7,975
January	5,550	5,435	7,140	5,365	5,959	5,789	5,641	7,302	6,160	6,964
February	4,021	4,051	5,737	4,214	4,773	4,338	4,759	6,056	4,653	5,815
March	2,737	2,689	3,859	2,938	3,108	3,176	3,449	4,752	3,344	4,380
April	1,450	1,480	2,662	2,010	1,887	1,915	1,941	3,182	1,932	3,184
May	625	605	1,468	1,116	840	1,037	1,016	2,150	1,000	2,039
June	240	161	535	421	286	415	440	1,286	523	
July	106	61	252	<u>2/</u>	68	243	201	751	269	
August	117	66	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	433	83	
Month	Controlled Atmosphere Holdings <u>1/</u>									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>1,000 bushels</i>									
September	1,765	2,603	1,178	1,256	1,804	2,337	2,011	2,294	2,100	2,102
October	4,907	4,903	5,657	5,705	5,070	5,209	5,060	5,115	4,758	5,451
November	4,991	5,071	5,756	5,476	5,487	5,344	5,454	6,164	4,806	5,714
December	4,788	5,041	5,793	5,107	5,290	5,304	5,311	6,197	4,773	5,954
January	4,465	4,338	5,579	4,542	4,547	4,665	4,530	5,720	4,731	5,507
February	3,408	3,464	4,784	3,765	3,808	3,620	3,989	4,923	3,888	4,680
March	2,404	2,370	3,468	2,720	2,606	2,780	2,976	3,990	2,968	3,669
April	1,327	1,301	2,508	1,889	1,680	1,765	1,759	2,730	1,762	2,749

1/ Crop harvested in year indicated.

2/ Not published to avoid disclosure of individual operations.

Table 31. TART CHERRIES: Bearing Acres, Production, Utilization, and Value, 1990-1999

Crop year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized <sup>1/</sup>	Marketing year average price	Value of utilized production	Quantity	Marketing year average price	Total	Marketing year average price
	<u>Thous.</u>	<u>Million lbs.</u>		<u>Cents per lb.</u>	<u>1,000 dol.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>
1990	4.7	16.5	13.3	20.8	2,765	0.3	55.0	13.0	20.0
1991	4.0	25.5	25.5	45.0	11,480	0.2	60.0	25.3	44.9
1992	4.0	31.0	22.1	18.2	4,015	0.1	55.0	22.0	18.0
1993	4.0	15.7	15.2	10.3	1,570	0.1	60.0	15.1	10.0
1994	4.0	26.0	23.7	12.4	2,934	0.1	55.0	23.6	12.2
1995	4.0	32.0	20.0	5.6	1,116	0.2	63.0	19.8	5.0
1996	3.5	19.0	14.2	14.4	2,042	0.2	76.0	14.0	13.5
1997	2.6	14.5	13.2	17.3	2,286	0.2	103.0	13.0	16.0
1998	2.6	14.0	12.2	18.0	2,200	0.2	98.0	12.0	16.7
1999	2.6	17.0	17.0	15.7	2,666	0.1	80.0	16.9	15.3

<sup>1/</sup> Excludes mature fruit not harvested.

Table 32. SWEET CHERRIES: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<u>Thous.</u>	<u>Tons</u>		<u>\$ per ton</u>	<u>1,000 dol.</u>
1990	0.6	1,000	700	743	520
1991	0.5	1,250	1,200	901	1,081
1992	0.5	1,100	510	976	498
1993	0.45	700	700	850	595
1994	0.45	900	820	850	697
1995	0.45	1,100	1,000	960	960
1996	0.50	700	600	1,420	854
1997	0.75	650	620	1,720	1,069
1998	0.75	700	650	2,070	1,346
1999	0.75	1,050	1,000	1,490	1,494

<sup>1/</sup> Excludes mature fruit not harvested.

Figure 2.

RELATIVE VALUE OF NEW YORK  
FRUIT CROPS, 1999  
(Million Dollars)

Table 33. PEACHES: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<u>Thous.</u>	<u>Million pounds</u>		<u>¢ per lb.</u>	<u>1,000 dol.</u>
1990	2.1	14.0	13.7	27.6	3,781
1991	1.9	15.0	13.5	27.4	3,702
1992	1.9	14.0	13.7	26.2	3,595
1993	1.6	9.0	9.0	29.6	2,660
1994	1.6	7.0	7.0	25.1	1,757
1995	1.6	11.5	11.0	20.7	2,280
1996	1.6	12.0	11.5	34.8	4,003
1997	1.6	12.0	11.5	46.1	5,296
1998	1.6	10.0	8.5	41.6	3,538
1999	1.6	14.0	12.0	45.5	5,454

<sup>1/</sup> Excludes mature fruit not harvested.

Table 34. PEARS: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<u>Thous.</u>	<u>Tons</u>		<u>\$ per ton</u>	<u>1,000 dol.</u>
1990	2.3	14,600	14,600	253	3,687
1991	2.3	14,500	14,500	275	3,981
1992	2.4	16,500	15,500	305	4,734
1993	2.4	15,000	14,500	261	3,781
1994	2.4	16,000	16,000	303	4,848
1995	2.5	14,500	14,500	372	5,392
1996	2.4	15,000	15,000	383	5,748
1997	2.0	8,000	8,000	384	3,070
1998	2.0	11,500	10,000	375	3,754
1999	2.0	12,500	11,300	388	4,390

<sup>1/</sup> Excludes mature fruit not harvested.

Table 35. GRAPES: Bearing Acres, Production, Utilization, and Value, 1990-1999

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties <sup>1/</sup>	Marketing year average price	Value of utilized production	Quantity	Marketing year average price
	<i>Thous.</i>	<i>Tons</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>\$ per ton</i>
1990	33.0	144,000	144,000	286	41,172	3,000	470
1991	32.5	192,000	192,000	254	48,789	3,000	450
1992	33.0	180,000	170,000	221	37,584	2,000	480
1993	32.5	118,000	118,000	222	26,165	3,000	480
1994	33.0	190,000	187,000	213	39,761	4,000	470
1995	33.0	165,000	163,000	228	37,218	4,000	480
1996	33.0	189,000	184,000	257	47,220	4,000	600
1997	31.5	139,000	137,000	292	40,024	3,000	790
1998	31.5	128,000	125,000	316	39,499	2,000	500
1999	31.5	205,000	204,000	290	59,174	2,000	600

  

Crop Year	Processed					
	Quantity	Marketing year average price	Wine	Marketing year average price	Sweet Juice and Other	Marketing year average price
	<i>Tons</i>	<i>\$ per ton</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>Tons</i>	<i>\$ per ton</i>
1990	141,000	282	54,700	263	86,300	294
1991	189,000	251	71,000	254	118,000	249
1992	168,000	218	58,000	244	110,000	205
1993	115,000	215	41,000	236	74,000	203
1994	183,000	207	82,000	217	101,000	198
1995	159,000	222	51,000	259	108,000	205
1996	180,000	249	58,000	282	122,000	234
1997	134,000	281	44,000	328	90,000	258
1998	123,000	313	36,000	392	87,000	281
1999	202,000	287	50,000	348	152,000	267

Table 36. GRAPES: Total Grapes Processed in New York Plants, 1990-1999 <sup>1/</sup>

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
	<i>Tons</i>				
1990	116,524	14,754	62,026	69,252	131,278
1991	148,320	14,871	79,611	83,580	163,191
1992	138,038	17,615	67,393	88,260	155,653
1993	83,205	9,944	43,799	49,350	93,149
1994	141,483	17,546	89,238	69,791	159,029
1995	126,469	15,925	56,217	86,177	142,394
1996	143,441	21,047	65,372	99,116	164,488
1997	110,098	17,973	46,532	81,539	128,071
1998	103,915	19,452	43,190	80,177	123,367
1999	165,578	27,052	61,118	131,513	192,630

<sup>1/</sup> Excludes New York grown grapes processed in other states.

Table 37. GRAPES: New York Grown Grapes Processed, by Variety, 1990-1999 <sup>1/</sup>

Variety	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>Tons</i>									
<u>American Varieties:</u>										
Catawba	9,855	13,252	10,124	6,636	10,116	8,700	7,900	7,335	6,090	9,600
Concord	97,551	134,357	123,919	82,914	136,000	111,000	139,000	96,600	89,400	154,500
Delaware	2,741	4,051	1,937	2,407	2,316	2,350	1,650	1,010	550	1,180
Ives <sup>3/</sup>								130	115	210
Elvira	3,662	4,501	3,606	3,533	4,826	4,600	5,100	4,110	3,080	4,540
Niagara	9,188	9,934	9,676	9,623	15,300	15,600	10,700	12,800	10,000	17,200
<u>French Hybrids:</u>										
Aurora	6,754	7,963	7,204	3,121	6,282	5,250	4,900	3,295	4,080	4,240
Baco Noir	1,141	1,695	1,449	824	923	1,300	1,200	670	890	730
Cayuga White	895	1,107	1,143	313	523	740	1,000	630	840	860
DeChaunac	2,010	2,611	1,385	1,363	1,126	1,450	910	575	710	940
Rougeon	783	1,046	587	414	735	800	720	585	420	660
Seyval Blanc	1,311	1,361	1,215	575	678	900	900	600	650	850
Vitis Vinifera, All	2,064	2,919	2,422	1,115	1,134	3,435	3,700	3,650	4,015	4,030
Other Varieties, All	2,584	3,653	2,969	1,939	2,743	2,625	2,200	2,010	2,160	2,460
<b>TOTAL</b>	141,000	189,000	168,000	115,000	183,000	159,000	180,000	134,000	123,000	202,000

<sup>1/</sup> Includes New York grown grapes received at out-of-state plants.<sup>2/</sup> Includes other American and French Hybrid varieties not shown.<sup>3/</sup> Estimates began in 1997.Table 38. GRAPES: New York Grown Grapes Processed, by Area of Production, 1990-1999 <sup>1/</sup>

Crop Year	Chautauqua-Erie <sup>2/</sup>	Niagara County	Finger Lakes <sup>3/</sup>	Other <sup>4/</sup>	State Total
	<i>Tons</i>				
1990	83,850	5,758	49,947	1,445	141,000
1991	121,884	5,753	59,465	1,898	189,000
1992	109,920	4,705	49,895	3,480	168,000
1993	73,021	5,275	34,496	2,208	115,000
1994	124,033	4,908	50,588	3,471	183,000
1995	98,346	7,398	50,299	2,957	159,000
1996	122,228	5,879	45,676	6,217	180,000
1997	89,383	3,986	37,572	3,059	134,000
1998	84,507	2,889	33,026	2,578	123,000
1999	149,476	3,922	46,166	2,436	202,000

<sup>1/</sup> Includes New York grown grapes received at out-of-state plants.<sup>2/</sup> Includes Cattaraugus County.<sup>3/</sup> Includes Ontario, Seneca, Schuyler, Steuben and Yates Counties.<sup>4/</sup> Includes Hudson Valley, Long Island and other areas not listed.

Table 39. BERRIES: Bearing Acres, Yield, Production, and Value, 1990-1999

Crop Year	Acres of bearing age	Harvested	Production		Marketing year average price	Value of utilized production
			Total	Utilized		
	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>		<i>\$ per cwt.</i>	<i>1,000 dol.</i>
<u>STRAWBERRIES</u>						
1990	2,800	2,500	15,800		83.00	13,114
1991	3,000	2,600	14,600		75.90	11,081
1992	2,900	2,600	7,800		107.00	8,346
1993	2,800	2,600	15,600		136.00	21,216
1994	2,500	2,400	9,600		112.00	10,752
1995	2,400	2,200	7,700		107.00	8,239
1996	2,000	1,900	7,400		120.00	8,880
1997	1,700	1,600	6,700		101.00	6,767
1998	1,700	1,600	6,100		115.00	7,015
1999	1,700	1,600	7,800		106.00	8,268
<u>BLUEBERRIES</u>					<i>\$ per lb.</i>	
1992	700	650	1,500	1,300	.88	1,144
1993	600	560	1,680	1,680	.98	1,646
1994	660	660	1,400	1,300	1.08	1,404
1995	600	600	1,200	1,100	1.00	1,104
1996	650	650	1,300	1,200	1.02	1,229
1997	700	700	1,600	1,500	1.07	1,602
1998	700	700	1,600	1,500	1.02	1,536
1999	700	700	1,900	1,600	1.08	1,733
<u>RED RASPBERRIES</u>						
1995	450	450	980	840	1.40	1,178
1996	450	450	1,000	900	1.66	1,493
1997	450	450	1,400	1,300	1.85	2,406
1998	450	450	1,200	1,000	2.20	2,200
1999	450	450	1,100	900	2.50	2,250

Table 40. FRUIT: Yield Per Acre of Bearing Age, 1990-1999 <sup>1/</sup>

Fruit	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>Tons</i>									
Apples	17,700	19,100	20,900	15,500	19,300	19,300	17,900	20,400	19,500	22,900
Sweet Cherries	3,340	5,000	4,400	3,120	4,000	4,880	2,800	1,730	1,870	2,800
Tart Cherries	3,510	6,380	7,750	3,930	6,500	8,000	5,430	5,580	5,380	6,540
Peaches	6,670	7,890	7,370	5,630	4,380	7,190	7,500	7,500	6,250	8,750
Pears	12,680	12,600	13,760	12,500	13,340	11,600	12,500	8,000	11,500	12,500
Grapes	8,720	11,820	10,900	7,260	11,520	10,000	11,450	8,830	8,130	13,020
Blueberries <sup>2/</sup>			2,000	3,000	1,970	1,830	1,850	2,140	2,140	2,290
Strawberries	5,640	4,870	3,000	6,000	4,000	3,500	3,890	4,200	3,810	4,880
Red Raspberries <sup>3/</sup>						2,180	2,220	3,110	2,670	2,440

<sup>1/</sup> Includes unharvested production and fruit harvested but not sold due to marketing conditions.<sup>2/</sup> Estimates began 1992. Yield based on utilized production.<sup>3/</sup> Estimates began 1995.

# FLORICULTURE

New York floriculture production ranked sixth in the nation for total commercial sales. Value of sales increased again from a year earlier for foliage plants and bedding and garden plants. Bedding and garden plants again had the highest value of sales, at \$97.5 million. This is an increase of \$4.15 million from 1998. Potted flowering plants was second with a value of sales of \$33.5 million, a decrease of \$1.47 million. Third was cut flowers at \$5.16 million, a decrease of \$1.25 million. Next was foliage for indoor or patio use which increased \$72,000 to \$2.26 million.

The number of commercial growers decreased for the second consecutive year. During 1999 there were 689 growers. The area used to produce floriculture crops in the state was down approximately 21 percent. Greenhouse space decreased 886,000 square feet from 1998 to total 21.9 million square feet in 1999. This decrease pulled the total covered area (*greenhouse plus shade and temporary structures*) down to 22.2 million square feet, 4 percent less than existed during 1998.

Table 41. FLORICULTURE: Growers and Growing Area, 1995-1999 <sup>1/</sup>

	1995	1996	1997	1998 <sup>2/</sup>	1999
<b><u>Commercial Growers</u></b> (Number)	548	569	897	802	689
<b><u>Growing Area:</u></b> Open Ground (Acres)	351	410	779	1,344	978
<b><u>Cover:</u></b> Total Greenhouse (1,000 sq. ft.)	18,187	19,301	22,635	22,744	21,858
Shade & Temporary (1,000 sq. ft.)	434	511	394	439	331
Total Covered Area (1,000 sq. ft.)	18,621	19,812	23,029	23,183	22,189

<sup>1/</sup> Includes growers with sales of \$10,000 or more.

<sup>2/</sup> Revised.

Table 42. FLORICULTURE: Value of Sales by Plant Category, 1995-1999

Plant Category	1999 Rank	1995	1996	1997	1998 <sup>1/</sup>	1999
<i>1,000 Dollars</i>						
Cut Flowers	10	7,612	6,837	6,125	6,408	5,158
Potted Flowering Plants	6	31,944	24,234	37,106	35,010	33,538
Total Foliage for Indoor or Patio Use	15	2,165	1,636	1,919	2,185	2,257
Bedding/Garden Plants	6	68,511	60,294	76,962	93,397	97,545
Total of Reported Crops <sup>2/</sup>	6	110,232	93,008	122,114	137,010	138,498
Grower Sales \$10,000-\$99,999 (Unspecified crops)		15,960	15,615	25,380	21,810	21,555
<b>TOTAL COMMERCIAL SALES <sup>3/</sup></b>	<b>6</b>	<b>126,192</b>	<b>108,623</b>	<b>147,494</b>	<b>158,820</b>	<b>160,053</b>

<sup>1/</sup> Revised.

<sup>2/</sup> Total includes categories not listed.

<sup>3/</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops, plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.



Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup>

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
	<i>Number</i>	<i>Blooms</i>	<i>1,000 Dollars</i>
<u>CUT FLOWERS</u>			
<u>Chrysanthemums - Standard</u>			
1995	9	350	218
1996	10	343	224
1997	<u>3/</u>	<u>3/</u>	<u>3/</u>
1998	3	6	6
1999	6	32	21
<u>Chrysanthemums - Pompon</u>			
		<i>Bunches</i>	
1995	<u>3/</u>	<u>3/</u>	<u>3/</u>
1996	7	18	144
1997	9	18	144
1998	4	14	42
1999	5	13	33
<u>Gladioli</u>			
		<i>Spikes</i>	
1995	8	83	33
1996	7	89	36
1997	8	106	42
1998	4	61	27
1999	9	92	21
<u>Other Cut Flowers</u>			
1995	30	N/A	2,069
1996	30	N/A	1,952
1997	28	N/A	1,858
1998	22	N/A	3,094
1999	23	N/A	2,780
<u>POTTED FLOWERING PLANTS</u>			
<u>African Violets</u>			
		<i>Pots</i>	
1995	16	1,301	1,537
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	16	1,276	1,289
1998	16	1,358	1,308
1999	15	1,644	1,622
<u>Chrysanthemums</u> (Excluding Hardy/Garden Mums)			
1995	64	1,398	2,793
1996	61	1,078	2,583
1997	53	966	2,003
1998	48	1,036	2,301
1999	50	984	1,901

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup> (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
<u>POTTED FLOWERING PLANTS</u> (Continued)			
<u>Finished Florist Azaleas</u>			
1995	37	4,233	10,232
1996	42	1,807	3,867
1997	47	3,923	8,142
1998	30	1,867	5,304
1999	35	1,878	5,518
<u>Easter Lilies</u>			
1995	70	547	1,975
1996	71	662	2,191
1997	79	3,383	10,333
1998	59	678	2,321
1999	70	706	2,403
<u>Potted Orchids</u>			
1995	<u>3/</u>	<u>3/</u>	<u>3/</u>
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	<u>3/</u>	<u>3/</u>	<u>3/</u>
1998	9	551	2,335
1999	10	71	767
<u>Poinsettias</u>			
1995	119	2,627	8,006
1996	120	2,901	8,037
1997	135	3,131	8,584
1998	119	3,104	8,763
1999	124	3,392	10,757
<u>Cyclamen</u>			
1995	30	441	1,219
1996	35	404	1,014
1997	37	400	1,047
1998	35	389	1,099
1999	34	426	1,224
<u>Other Potted Flowering Plants <sup>4/</sup></u> (Excluding blooming annuals)			
1995	67	1,467	5,083
1996	72	1,392	4,085
1997	87	1,261	3,235
1998	96	5,241	10,857
1999	74	4,134	8,833

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup> (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
<u>BEDDING/GARDEN PLANTS</u>			
<u>Geraniums, Flats</u>			
1995	46	153	1,547
1996	48	317	2,387
1997	60	248	2,225
1998	39	130	1,503
1999	45	173	1,633
<u>Impatiens, Flats</u>			
1995	139	1,261	10,277
1996	151	1,282	9,153
1997	198	1,659	11,547
1998	176	1,244	6,655
1999	161	878	5,935
<u>New Guinea Impatiens, Flats</u>			
1995	27	156	1,548
1996	36	130	1,105
1997	43	67	604
1998	<u>3/</u>	<u>3/</u>	<u>3/</u>
1999	<u>3/</u>	<u>3/</u>	<u>3/</u>
<u>Petunias, Flats</u>			
1995	133	421	3,511
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	196	457	2,875
1998	180	504	2,928
1999	162	422	3,110
<u>Other Flowering and Foliar Type, Flats</u>			
1995	166	2,281	17,906
1996	172	1,689	12,195
1997	211	2,394	14,244
1998	204	2,960	17,967
1999	177	2,591	17,748
<u>Vegetable Type, Flats</u>			
1995	145	518	4,134
1996	155	485	3,638
1997	179	634	4,603
1998	114	925	4,727
1999	153	665	4,608

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup> (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
<u>BEDDING/GARDEN PLANTS</u> <i>Continued</i> )	<u>Number</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>Hardy/Garden Chrysanthemums, Potted</u>			
1995	120	2,255	3,861
1996	128	2,851	4,456
1997	158	3,606	5,471
1998	133	2,555	6,518
1999	151	4,802	8,030
<u>Geraniums, Potted - Cuttings</u>			
1995	152	7,427	7,321
1996	159	4,934	5,974
1997	202	5,194	7,488
1998	188	5,014	8,205
1999	172	5,157	8,393
<u>Geraniums, Potted - Seed</u>			
1995	43	3,494	2,851
1996	45	3,120	2,958
1997	47	3,747	2,885
1998	44	3,159	2,613
1999	39	3,240	2,732
<u>Impatiens, Potted</u>			
1995	42	462	440
1996	44	365	356
1997	63	580	634
1998	51	741	1,088
1999	52	758	1,246
<u>New Guinea Impatiens, Potted</u>			
1995	102	896	1,292
1996	112	1,067	1,478
1997	162	1,424	2,242
1998	163	2,347	4,001
1999	159	2,515	4,203
<u>Petunias, Potted</u>			
1995	25	84	104
1996	31	117	140
1997	37	155	283
1998	47	443	1,111
1999	74	565	1,358

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup> (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
<u>BEDDING/GARDEN PLANTS</u> (Continued)	<u>Number</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>Other Flowering &amp; Foliar Type, Potted</u>			
1995	109	3,660	5,365
1996	105	3,027	4,564
1997	178	7,762	11,130
1998	193	13,584	22,402
1999	165	10,526	18,848
<u>Vegetable Type, Potted</u>			
1995	64	1,083	1,182
1996	62	1,129	1,295
1997	81	1,070	1,090
1998	47	967	1,249
1999	57	1,068	1,366
<u>Other Flowering Hanging Baskets</u>		<u>Baskets</u>	
1995	159	472	3,177
1996	172	463	3,185
1997	202	713	4,064
1998	165	971	5,884
1999	193	932	6,701
<u>Geranium Hanging Baskets</u>			
1995	136	146	1,069
1996	151	227	1,596
1997	190	252	1,787
1998	140	278	1,929
1999	164	376	2,324
<u>Impatiens Hanging Baskets</u>			
1995	129	176	954
1996	146	196	1,201
1997	169	185	1,049
1998	120	162	873
1999	136	247	1,250
<u>New Guinea Impatiens Hanging Baskets</u>			
1995	112	303	1,739
1996	116	219	1,448
1997	148	382	2,200
1998	125	312	2,087
1999	143	389	2,451

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,  
by Type of Plant, 1995-1999 <sup>1/</sup> (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <sup>2/</sup>
	<u>Number</u>	<u>Baskets</u>	<u>1,000 Dollars</u>
<u>BEDDING/GARDEN PLANTS (Continued)</u>			
<u>Petunia Hanging Baskets</u>			
1995	86	48	233
1996	105	48	286
1997	164	88	541
1998	127	92	529
1999	161	157	972
<u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE</u>			
<u>Foliage Hanging Baskets</u>			
1995	50	180	923
1996	51	205	894
1997	51	126	554
1998	28	300	1,260
1999	40	351	1,415
<u>Potted Foliage</u>			
		<u>Pots</u>	
1995	41	N/A	1,242
1996	44	N/A	742
1997	42	N/A	1,365
1998	33	N/A	925
1999	30	N/A	842

N/A - Not available.

<sup>1/</sup> 1998 Revised.

<sup>2/</sup> Equivalent wholesale value of all crops except potted foliage plants.

For potted foliage, value is based on net value of sales.

<sup>3/</sup> Not published to avoid disclosing individual operations.

# MAPLE

New York maple syrup production is up 8 percent from last year as growers begin to rebound from the ice storm damage in 1998. Production of New York maple syrup this year is estimated at 210,000 gallons, 8 percent above the 195,000 gallons produced in 1999, according to the New York Agricultural Statistical Service. The number of taps, at 1.26 million, was up 6 percent from a year earlier. The season started out too cold, but temperatures, which determine sap flow and quality of syrup, quickly warmed up and the season overall was too warm for optimal flow. Statewide the average date of the first run was February 27 and the average date of the last run was March 24. The sugaring season for New York

averaged 26 days compared to the ten-year average of 31. Sap was below average for sweetness, requiring an average of 49 gallons of sap to make one gallon of syrup. Syrup color was mostly medium to dark. A preliminary estimate places the value of this year's production at \$5.33 million, up slightly from the 1999 crop value of \$5.32 million.

Preliminary prices received by New York producers for the lighter table grades of syrup are as follows: retail - \$30.90 per gallon; wholesale - \$25.50 per gallon. The average return to producers for all grades and methods of sales is estimated at \$25.40 per gallon equivalent.

Table 44. MAPLE SYRUP: Production and Value, 1990-2000

Crop Year	Syrup made <sup>1/</sup>	Average date		Gallons of sap per gallon of syrup	Average price per gallon	Value of production
		First run made	Last run made			
	<u>1,000 gals.</u>			<u>Gallons</u>	<u>Dollars</u>	<u>1,000 dollars</u>
1990	249	Feb. 25	Mar. 29	48	23.70	5,901
1991	308	Feb. 27	Apr. 2	48	23.30	7,176
1992	400	Mar. 5	Apr. 12	41	23.40	9,360
1993	180	Mar. 20	Apr. 9	40	18.70	3,366
1994	251	Mar. 16	Apr. 11	41	24.50	6,150
1995	208	Mar. 4	Apr. 1	47	23.50	4,888
1996	343	Mar. 5	Apr. 10	40	25.50	8,747
1997	269	Mar. 4	Apr. 7	48	25.10	6,752
1998	231	Feb. 25	Mar. 28	41	26.85	6,202
1999	195	Feb. 27	Apr. 2	43	27.30	5,324
2000 <sup>2/</sup>	210	Feb. 27	Mar. 24	49	25.40	5,334

<sup>1/</sup> Includes syrup later made into sugar.

<sup>2/</sup> Average price per gallon and value of production are preliminary.